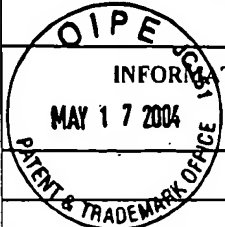
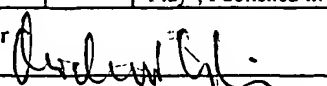


U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 081-0003		
<div style="float: left; width: 150px; text-align: center;">  </div> <div style="float: right; width: 450px;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) </div>				Application No.: 10/729,540		
				Applicant(s): Darius Martin Sullivan and Nicholas Patrick Roland Hill		
				Filing Date: December 5, 2003		
				Group Art Unit: 2857		
				Date Submitted: May 13, 2004		
U.S. Patent Documents						
*Examiner Initial		Document Number	Date	Name		
an	AA	4,246,439	Jan. 20, 1981	Romein		
	AB	4,389,711	Jun. 21, 1983	Hotta et al.		
	AC	4,393,268	Jul. 12, 1983	Guedj et al.		
	AD	5,161,126	Nov. 3, 1992	Marcus		
	AE	5,162,618	Nov. 10, 1992	Knowles		
	AF	5,305,239	Apr. 19, 1994	Kinra		
	AG	5,329,070	Jul. 12, 1994	Knowles		
	AH	5,412,189	May 2, 1995	Cragun		
	AI	5,541,372	Jul. 30, 1996	Baller et al.		
	AJ	5,591,945	Jan. 7, 1997	Kent		
an	AK	5,628,031	May 6, 1997	Kikinis et al.		
Foreign Patent Documents						
					Translation	
		Document	Date	Country	Yes	No
an	AL	0 296 569 A2	Dec. 28, 1988	Europe		✓
	AM	0 526 879 A1	Feb. 10, 1993	Europe		✓
	AN	0 597 228 A2	May 18, 1994	Europe		✓
an	AO	0 656 603 A1	Jun. 7, 1995	Europe		✓
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
an	AP	Bendat et al., Engineering Applications of Correlation and Spectral Analysis, Chapter 6 entitled "Propagation Path Identification" and Chapter 7 entitled "Single Input/Multiple Output Problems," a Wiley-Interscience Publication, 1980, pp. 121-167.				
	AQ	Brink, M. C., "The Acoustic Representation of Bending Waves", Laboratory of Acoustic Imaging and Sound Control, Delft University of Technology, November 2002, pp. i-69.				
an	AR	Ishii Hiroshi, et al., "PingPongPlus: Design of an Athletic-Tangible Interface for Computer-Supported Cooperative Play", Published in the Proceedings of CHI'99, May 15-20, 1999, pp. 1-8.				
Examiner 		Date Considered 10/5/04				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						

U.S. Department of Commerce, Patent and Trademark Office.				Attorney Docket No.: 081-0003		
				Application No.: 10/729,540		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): <i>Darius Martin Sullivan and Nicholas Patrick Roland Hill</i>		
(Use several sheets if necessary)				Filing Date: December 5, 2003		
				Group Art Unit: 2857		
				Date Submitted: May 13, 2004		
U.S. Patent Documents						
*Examiner Initial	Document Number	Date	Name			
An	AS 5,637,839	Jun. 10, 1997	Yamaguchi et al.			
AT	5,638,093	Jun. 10, 1997	Takahashi et al.			
AU	5,691,959	Nov. 25, 1997	Kriewall et al.			
AV	5,717,434	Feb. 10, 1998	Toda			
AW	5,831,934	Nov. 3, 1998	Gill et al.			
AX	5,856,820	Jan. 5, 1999	Weigers et al.			
AY	5,877,458	Mar. 2, 1999	Flowers			
AZ	5,986,224	Nov. 16, 1999	Kent			
BA	6,049,328	Apr. 11, 2000	Vanderheiden			
BB	6,072,475	Jun. 6, 2000	van Ketwich			
BC	6,091,406	Jul. 18, 2000	Kambara et al.			
Foreign Patent Documents						
					Translation	
	Document	Date	Country	Yes	No	
An	BD FR 2 787 608 (with English abstract)	Jun. 23, 2000	France		X	
BE	GB 2 301 217 A	Nov. 27, 1996	United Kingdom			
BF	WO 94/02911	Feb. 3, 1994	PCT			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
An	BG	Kim, Young Jin, et al., "Acoustic Generation in Liquid Crystals", September 27, 1999, Vol. 75, No. 13, pp. 1985-1987.				
BH		Paradiso, J. A., et al., "Passive Acoustic Knock Tracking for Interactive Windows", ACM CHI 2002 Conference, Minneapolis, Minnesota, April 20-25, 2002, (2 pages).				
BI		Paradiso, J. A., "Several Sensor Approaches that Retrofit Large Surfaces for Interactivity", ACM Ubicomp 2002 Workshop on Collaboration with Interactive Walls and Tables, Gothenburg, Sweden, September 29, 2002, pp. 1-8.				
Examiner <i>Richard G. L.</i>		Date Considered 10/5/04				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						

U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 081-0003		
				Application No.: 10/729,540		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Darius Martin Sullivan and Nicholas Patrick Roland Hill		
(Use several sheets if necessary)				Filing Date: December 5, 2003		
				Group Art Unit: 2857		
				Date Submitted: May 13, 2004		
U.S. Patent Documents						
*Examiner Initial		Document Number	Date	Name		
Am	BJ	6,157,373	Dec. 5, 2000	Rego		
	BK	6,160,757	Dec. 12, 2000	Täger et al.		
	BL	6,246,638	Jun. 12, 2001	Zook et al.		
	BM	6,335,725	Jan. 1, 2002	Koh et al.		
	BN	6,366,277	Apr. 2, 2002	Armstrong		
	BO	6,384,743	May 7, 2002	Vanderheiden		
	BP	6,400,996	Jun. 4, 2002	Hoffberg et al.		
	BQ	US 2003/0066692 A1	Apr. 10, 2003	Devige et al.		
	BR	US 2001/0006006 A1	Jul. 5, 2001	Hill		
Am	BS	US 2002/0135570 A1	Sep. 26, 2002	Iisaka et al.		
Foreign Patent Documents						
					Translation	
		Document	Date	Country	Yes	No
Am	BT	WO 96/11378 (with English abstract)	Apr. 18, 1996	PCT		X
	BU	WO 97/09842	Mar. 13, 1997	PCT		
	BV	WO 97/09847	Mar. 13, 1997	PCT		
	BW	WO 00/38104	Jun. 29, 2000	PCT		
	BX	WO 01/48684 A2	Jul. 5, 2001	PCT		
	BY	WO 02/01490 A1	Jan. 3, 2002	PCT	X	
Am	BZ	WO 03/005292 A1	Jan. 16, 2003	PCT		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
Examiner		Date Considered				
Richard L. G.		10/5/04				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						

U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 081-0003		
				Application No.: 10/729,540		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Darius Martin Sullivan		
(Attach several sheets if necessary)				Filing Date: December 5, 2003		
				Group Art Unit: 2863		
				Date Submitted: July 21, 2004		
U.S. Patent Documents						
*Examiner Initial		Document Number	Date	Name		
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
Foreign Patent Documents						
					Translation	
		Document	Date	Country	Yes	No
an	AL	WO 01/43063 A1	Jun. 14, 2001	PCT		✓
an	AM	WO 03/067511 A2	Aug. 14, 2003	PCT		✓
	AN					
	AP					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AR					
	AS					
	AT					
Examiner	Richard C. [Signature]		Date Considered 10/5/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						

U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 081-0003		
				Application No.: 10/729,540		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Darius Martin Sullivan and Nicholas Patrick Roland Hill		
(Use several sheets if necessary)				Filing Date: December 5, 2003		
				Group Art Unit: 2863		
				Date Submitted: September 16, 2004		
U.S. Patent Documents						
*Examiner Initial		Document Number	Date	Name		
<i>AA</i>	AA	5,717,432	10 Feb 1998	Miwa et al.		
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
Foreign Patent Documents						
					Translation	
		Document	Date	Country	Yes	No
	AL					
	AM					
	AN					
	AP					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AR					
	AS					
	AT					
Examiner	<i>[Signature]</i>		Date Considered 10/5/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						